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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No: 10/733,107 Docket No: 1291053
Filing Date: 12/10/2003 Applicant: Yin-Jao Luo
Examiner: NGUYEN, TRAN N Art Unit: 2834
Title: PERMANENT MAGNET ROTOR ASSEMBLY FOR
INTERIOR PERMANENT MAGNET ELECTRIC MOTOR

To: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION TRANSMITTAL

1. Transmitted herewith is a response to an office action for this application.

STATUS

2. Applicant is entitled to Small Entity Status.
3. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply. Applicant believes that no extension of time is required. However, a conditional petition is hereby made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

4. **FEE FOR CLAIMS:** The fee for claims has been calculated as follows:

Claims Remaining After Amendment	Highest No. Previously Paid For	Present Extra
Total 6	- 20	= 0
Ind. 2	- 3	= 0

5. **FEE PAYMENT:** No fee is required at this time. Authorization is hereby given to charge any required fees to deposit account number 16-2497.

6. Certificate of Mailing (37 CFR 1.8a): I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,

Date: September 9, 2004

Registration No: 32,737
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RESPONSE TO OFFICE ACTION

Dear Sir:

The following is in response to the Office Action dated 06/22/2004:

AMENDMENTS TO THE SPECIFICATION

At page 2, following line 25, please insert the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a schematic illustration of the permanent magnet rotor assembly for a brushless electric motor of the present invention.

Fig. 2 is an enlarged schematic illustration of the rotor with an outward protruding permanent magnet of the present invention.

Fig. 3 is an enlarged schematic illustration of the rotor with an outward protruding permanent magnet of the present invention for increased magnetic flux and reduced reaction field and magnetic flux region.

Fig. 4 is a schematic illustration of main magnetic poles with permanent magnets of the present invention, the outer edges thereof being parallelly oriented.

Fig. 5 (prior art) is a schematic illustration of a conventional stator and permanent